Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
					Schedule B Qty		39.76		
					Upto 125%		**49.39**	**1020.50**	**50398.55**
49	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles 400 x 400mm on a bed of 20mm thick (Page No : 106, item No :14.36.3)								
	Toilet	**Sqm**							
		2	1	1.37	1.25		3.43		
		2	1	1.39	1.30		3.61		
		2	1	1.40	1.20		3.36		
		2	1	1.45	1.30		3.77		
	Security room								
		1	1	1.70	1.70		2.89		
					Total Qty		17.06		
					Schedule B Qty		80.40		
					Upto 125%		**17.06**	**1438.91**	**24546.35**
50	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. (P.No.106, I.No. 14.41.2 of PWD SR 2018-19)								
	Toilet	**Sqm**							
		2	1	5.24		2.10	22.01		
		2	1	5.38		2.10	22.60		
		2	1	5.20		2.10	21.84		
		2	1	5.50		2.10	23.10		
		2	1	1.50		2.10	6.30		
	Deduction for openings								
	Door D1	2	-4	0.60		2.30	-11.04		
	Ventilator	2	-5	0.60		0.60	-3.60		
	Security room								
	For Toilet portion	1	1	6.80		2.10	14.28		
	For Kitchen portion	1	1	4.63		0.90	4.17		
	Deduction for openings								
	Door D1	1	-1	0.60		2.10	-1.26		
	Window W1	1	-1	0.60		0.90	-0.54		
	Ventilator	1	-1	0.60		0.60	-0.36		
					Total Qty		97.49		
					Schedule B Qty		228.48		
					Upto 125%		**97.49**	**1850.51**	**180408.24**
51	KSRB 9.4-3 : Providing Mathi / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (Page No : 51, item No :9.11)								
	Toilet	**Cum**							
	Door D	2	2	6.90	0.10	0.10	0.28		
	Door D1	2	4	6.00	0.10	0.10	0.48		
	Security room								

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Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
	Door D	1	1	6.90	0.10	0.10	0.07		
	Door D1	1	1	6.00	0.10	0.10	0.06		
					Total Qty		0.89		
					Schedule B Qty		1.15		
					Upto 125%		**0.89**	**1850.51**	**1637.70**
52	KSRB 9.5-3 : Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 (Page No : 51, item No :9.16)								
	Toilet	**Sqm**							
	Door D	2	2	1.20	2.10		10.08		
	Security room								
	Door D	1	1	1.20	2.10		2.52		
					Total Qty		12.60		
					Schedule B Qty		7.56		
					Upto 125%		**9.45**	**4313.33**	**40760.92**
					Above 125 %		**3.15**	**4313.33**	**13586.97**
53	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the Salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RV/TIFAC Composites Design centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain colour White/Ivory/Beige/Light Grey or any other colour using high quality pigments. Exclusing cost of fixtures and inclusive of supply of shutters to respective work spot. (Page No : 58, item No :9.93)								
	Toilet	**Sqm**							
	Door D1	2	4	0.90		2.10	15.12		
	Security room								
	Door D1	1	1	0.90	2.10		1.89		
					Total Qty		17.01		
					Schedule B Qty		32.13		
					Upto 125%		**17.01**	**3401.68**	**57862.51**
54	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to								
	Security room	**Sqm**							

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	Window W	1	1	1.20		1.20	1.44		
	Window W1	1	1	0.60		0.90	0.54		
	Ventilator	1	1	0.60		0.60	0.36		
	Toilet								
	Ventilator	2	5	0.60		0.60	3.60		
					Total Qty		5.94		
					Schedule B Qty		15.48		
					Upto 125%		**5.94**	**4794.10**	**28476.93**
55	KSRB 15-17.4 : Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.(Page. No. 118 Item No. 15.58)								
	Same as Door Qnty	**Sqm**					12.60		
					Total Qty		12.60		
					Schedule B Qty		7.56		
					Upto 125%		**9.45**	**56.69**	**535.76**
					Above 125 %		**3.15**	**56.69**	**178.59**
56	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.(Page. No. 118 Item No. 15.60.1)								
	Same as priming coat qnty for Door	**Sqm**					12.60		
					Total Qty		12.60		
					Schedule B Qty		7.56		
					Upto 125%		**9.45**	**109.99**	**1039.38**
					Above 125 %		**3.15**	**109.99**	**346.46**
57	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locl<ing arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1 000 litre capacity) Specification No.KBS 13.22 (P.No.94, I.No.13.78 of PW, P&IWTD S.R 2018-19)								
		Each	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		8.00		
					Upto 125%		**2.00**	**7742.21**	**15484.43**
58	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.96, I.No. 13.86.2 of PWD SR 2018-19)								
	20mm Nominal OD Pipes	**m**	200				200.00		
					Total Qty		200.00		
					Schedule B Qty		300.00		
					Upto 125%		**200.00**	**266.46**	**53292.92**

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
59	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes(P.No.96, I.No. 13.86.3 of PWD SR 2018-19)								
	25mm nominal OD pipes	m	100	--	--	--	100.00		
						Total Qty	100.00		
						Schedule B Qty	250.00		
						Upto 125%	**100.00**	**332.23**	**33223.04**
60	KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9(P.No.94, I.No.13.70.4 of PW, P&IWTD S.R 2018-19)								
	110mm Outer dia	m	100	--	--	--	100.00		
						Total Qty	100.00		
						Schedule B Qty	120.00		
						Upto 125%	**100.00**	**430.88**	**43087.90**
61	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I.No. 12.41 of PWD SR 2018-19)								
		unit	6	--	--	--	6.00		
						Total Qty	6.00		
						Schedule B Qty	4.00		
						Upto 125%	**5.00**	**1288.10**	**6440.51**
						Above 125 %	**1.00**	**1288.10**	**1288.10**
62	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I.No. 12.111 of PWD SR 2018-19)								
		Each	12	--	--	--	12.00		
						Total Qty	12.00		
						Schedule B Qty	12.00		
						Upto 125%	**12.00**	**170.08**	**2041.01**
63	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.No. 88, I.No. 12.113.1 of PWD SR 2018-19)								
		Each	12	--	--	--	12.00		
						Total Qty	12.00		
						Schedule B Qty	12.00		
						Upto 125%	**12.00**	**283.47**	**3401.68**

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
64	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (P.No. 91, I.No. 13.23 of PWD SR 2018-19)								
		Each	12	--	--	--	12.00		
					Total Qty		12.00		
					Schedule B Qty		35.00		
					Upto 125%		**12.00**	**215.44**	**2585.27**
65	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 /								
		Each	6	--	--	--	6.00		
					Total Qty		6.00		
					Schedule B Qty		9.00		
					Upto 125%		**6.00**	**509.12**	**3054.71**
66	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No. 73/ I.No.11.50.2 of PWD SR 2018-19)								
		Nos	6	--	--	--	6.00		
					Total Qty		6.00		
					Schedule B Qty		10.00		
					Upto 125%		**6.00**	**6009.63**	**36057.77**
67	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2018-19)								
		Each	9	--	--	--	9.00		
					Total Qty		9.00		
					Schedule B Qty		8.00		
					Upto 125%		**9.00**	**4789.56**	**43106.04**

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
68	KSRB 11-7.1 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.No.79 I.No.12.7 of CSR 2018-19)								
		unit	6	--	--	--	6.00		
						Total Qty	6.00		
						Schedule B Qty	8.00		
						Upto 125%	**6.00**	**3483.32**	**20899.90**
69	KSRB 12-1.2 : Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour								
		m	1	50.00	--	--	50.00		
						Total Qty	50.00		
						Schedule B Qty	100.00		
						Upto 125%	**50.00**	**417.27**	**20863.61**
70	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - -150mm dia (P.No.246, I.No.34.7.1 of CSR 2018-19)								
		m	1	30.00	--	--	30.00		
						Total Qty	30.00		
						Schedule B Qty	50.00		
						Upto 125%	**30.00**	**443.35**	**13300.55**
71	Providing Square Tank Covers of size 24" X 24" at 21kgs(Page No : XXXVI)								
		Each	2				**2.00**		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	**1336.52**	**2673.05**
72	Providing Footsteps of size 15" X 14" Heavy (Page No : XXXVI)								
		Each	10				**10.00**		
						Total Qty	10.00		
						Schedule B Qty	10.00		
						Upto 125%	**10.00**	**290.82**	**2908.22**
	Rainwater Harvesting								
73	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5								
	(P.No.6, I.No.2.4 of PW,P&IWTD S.R 2018-19)								
	For Road Side	**Cum**	22	1.766		4.00	155.43		
	For PIT Connecting Drain		22	2.65	0.450	0.45	11.81		

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
					Total Qty		167.24		
					Schedule B Qty		167.24		
					Upto 125%		**167.24**	**222.36**	**37186.26**
74	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 - (1:4:8 - (M7.5)) with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	(P.No.13, I.No.4.3 of PW,P&IWTD S.R 2018-19)								
	For PIT Connecting Drain	**Cum**	22	2.65	0.45	0.15	3.94		
					Total Qty		3.94		
					Schedule B Qty		3.94		
					Upto 125%		**3.94**	**5677.99**	**22344.29**
75	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 300mm. dia								
	(P.No.254, I.No.34.6.1 of PW,P&IWTD S.R 2018-19)								
	For PIT Connecting Drain	**Mtr**	22	2.65	--	--	58.30		
					Total Qty		58.30		
					Schedule B Qty		58.30		
					Upto 125%		**58.30**	**1707.18**	**99528.56**
76	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 1200mm dia								
	(P.No.255, I.No.34.7.8 of PW,P&IWTD S.R 2018-19)								
	1200mm Dia	**Mtr**	22	--	--	4.00	88.00		
					Total Qty		88.00		
					Schedule B Qty		88.00		
					Upto 125%		**88.00**	**6274.50**	**552155.68**
77	Filter media stone aggregate 60mm &down size								
	(P.No.II, Sl.No.34 Code No.0746 of PW,P&IWTD S.R 2018-19)								
	For RWH	**Cum**	22	1.130		1.20	**29.84**		
					Total Qty		29.84		
					Schedule B Qty		29.84		
					Upto 125%		**29.84**	**1407.98**	**42017.69**
78	Crushed stone aggregate 13.2mm to 10mm								
	(P.No.II, Sl.No.39 Code No.0921 of PW,P&IWTD S.R 2018-19)								
	For RWH	**Cum**	22	1.130		1.20	**29.84**		
					Total Qty		29.84		
					Schedule B Qty		29.84		
					Upto 125%		**29.84**	**1457.58**	**43497.80**
79	Sand/ Artificial Sand/ Manufactured Sand								

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	(P.No.II, Sl.No.49 Code No.0334 of PW,P&IWTD S.R 2018-19)								
		Cum	22	1.130		0.50	12.43		
						Total Qty	12.43		
						Schedule B Qty	12.43		
						Upto 125%	**12.43**	**2125.31**	**26426.99**
80	Executive bench made out of sadaralli grey stone with hand suport 3 line finishing with arch desiagn with 100cm slabs height 90% length 45cms (data approved rate)								
	Stone Benches	**No's**							
			50				50.00		
						Total Qty	50.00		
						Schedule B Qty	50.00		
						Upto 125%	**50.00**	**19108.18**	**955409.00**
81	Supplying and Fixing of Garbage bins rectangular with permanent structure series without arch 100litre capacity approved by Engineer in charge								
	Garbage Bins	**No's**							
			22				22.00		
						Total Qty	22.00		
						Schedule B Qty	22.00		
						Upto 125%	**22.00**	**19370.66**	**426154.41**
	Drilling of Bore Well								
82	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(PRED SR 2012-13 It.9.4, P-47) (PRED SR 20-05-2019 It.13.04)								
		BW	2				2.00		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	**3956.02**	**7912.05**
83	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (PRED SR 20-05-2019 It.13.01,)								
a	0 to 50 m	**Rmt**	2	50.00			100.00		
						Total Qty	100.00		
						Schedule B Qty	100.00		
						Upto 125%	**100.00**	**364.32**	**36431.53**

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
b	50 to 100 m	Rmt	2	50.00			100.00		
						Total Qty	100.00		
						Schedule B Qty	100.00		
						Upto 125%	**100.00**	**464.06**	**46405.50**
c	100 to 150 m	Rmt	2	50.00			100.00		
						Total Qty	100.00		
						Schedule B Qty	100.00		
						Upto 125%	**100.00**	**478.75**	**47875.44**
d	150 to 200 m	Rmt	2	50.00			100.00		
						Total Qty	100.00		
						Schedule B Qty	100.00		
						Upto 125%	**100.00**	**562.75**	**56274.64**
e	200 to 250 m	Rmt	2	50.00			100.00		
						Total Qty	100.00		
						Schedule B Qty	100.00		
						Upto 125%	**100.00**	**665.64**	**66563.66**
f	250 to 300 m	Rmt	2	50.00			100.00		
						Total Qty	100.00		
						Schedule B Qty	100.00		
						Upto 125%	**100.00**	**734.93**	**73493.00**
g	300 to 350 m	Rmt	2	50.00			100.00		
						Total Qty	100.00		
						Schedule B Qty	100.00		
						Upto 125%	**100.00**	**866.17**	**86616.75**
84	Providing and fixing 250mm dia PVC (casing pipe) (page no.XXXI, SL no.909) (KPWD SR								
		Rmt	4	6.00			24.00		
						Total Qty	24.00		
						Schedule B Qty	24.00		
						Upto 125%	**24.00**	**2729.74**	**65513.76**
85	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty. (Page No.III,It no.84)PRED SR 2012-13.								
		Rmt	2	30.00			60.00		
						Total Qty	60.00		
						Schedule B Qty	60.00		
						Upto 125%	**60.00**	**1391.12**	**83467.05**

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
86	Providing 175mm Dia M.S. Collar (P.No.88,I.No.86) PRED SR 2012-13								
		No	10				10.00		
						Total Qty	10.00		
						Schedule B Qty	10.00		
						Upto 125%	**10.00**	157.49	1574.85
87	Providing 175mm dia Bore Cap CE (M) (P.No.88,I.No.85) PRED SR 2012-13								
		No	2				2.00		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	104.99	209.98
88	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) (Pg No. XLI. Sl.no.29) KPWD SR-2018-19								
		No	2				2.00		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	52447.75	104895.51
89	Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing complete as per specifications. Specification No. KBS 13.2.14/13.6 (page no.92/lt no.13.15)KPWD SR 2018-19.								
		Rmt	2	300.00			600.00		
						Total Qty	600.00		
						Schedule B Qty	600.00		
						Upto 125%	**600.00**	431.80	259081.72
90	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and power coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq.mm (PWD Ele SR 2014-15,P-12/lt-2.10.3)								
	Add 5mts for Switching	Rmt	4	305.00			1220.00		
						Total Qty	1220.00		
						Schedule B Qty	1220.00		
						Upto 125%	**1220.00**	133.02	162287.24
91	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads complete as per specifications.(PWD SR 18-19,P-95/lt no.13.62)								
		No	2				2.00		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	1412.26	2824.52
92	Spplying and fixing 50mm GI Union.(PWD SR 2016-17,P-XXXIX)								
		No	2				2.00		

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		**2.00**	**234.86**	**469.73**
93	Spplying and fixing 50mm GI Elbow.(PWD SR 2016-17,P-XXXIX)								
		No	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		**2.00**	**117.38**	**234.76**
94	Spplying and fixing 50mm GI Nipple.(PWD SR 2016-17,P-XXXIX)								
		No	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		**2.00**	**109.50**	**219.01**
95	Spplying and fixing 50mm GI Hose colleres(PWD SR 2016-17,P-XXXIX)								
		No	100				100.00		
					Total Qty		100.00		
					Schedule B Qty		100.00		
					Upto 125%		**100.00**	**108.14**	**10813.97**
96	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P.no.44 / 1 no. 6.6.6 KPWD ELE SR 2014-15								
		No	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		**2.00**	**317.07**	**634.14**
97	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.(PWD Ele SR 2014-15,P-47/Sl no.6.16.6) 40-63 Amps								
		No	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		**2.00**	**2032.61**	**4065.21**
98	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32 amps (PWD Ele SR 2014-15,P-44,It-6.5.1)								
		No	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		**2.00**	**1961.21**	**3922.43**

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
99	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC(PWD Ele SR 2014-15,p-48,Sl no.6.36)								
		No	2				2.00		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	**464.06**	**928.11**
100	Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto 12.5HP(PWD Ele SR 2014-15,p-44,Sl no.-6.2.1)								
		No	2				2.00		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	**6911.49**	**13822.98**
101	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities.(PWD Ele SR 2014-15,p-44/Sl no.6.3)								
		No	2				2.00		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	**806.32**	**1612.65**
102	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm (PWD Ele SR 2014-15,p-6,It-2.5.4(d)								
		Mtrs	2	20.00			40.00		
						Total Qty	40.00		
						Schedule B Qty	40.00		
						Upto 125%	**40.00**	**44.20**	**1768.03**
103	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machinery.(PWD Ele SR 2014-15,p-48/Sl no.6.35)								
		No	8				8.00		
						Total Qty	8.00		
						Schedule B Qty	8.00		
						Upto 125%	**8.00**	**434.66**	**3477.27**
104	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia (PWD Ele SR 2014-15,p-55,Sl no.7.1)								
		No	2				2.00		
						Total Qty	2.00		
						Schedule B Qty	2.00		
						Upto 125%	**2.00**	**2863.08**	**5726.15**

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
105	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating etc., complete (PWD Ele SR 2014-15,p-62,It-7.9.2) hard soil								
		Mtrs	2	8.00			16.00		
					Total Qty		16.00		
					Schedule B Qty		16.00		
					Upto 125%		**16.00**	**111.29**	**1780.63**
106	Supplying laying 1.1 KV class LT UG cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (excep 2cx 10 sqmm wire armoured) confirming to IS-3975:1990 (No. of strip indicated in GTP) and extruded PVC outer sheathed armoured cable with specified IS-1554,part-1:1988 and confirming to the attached GTP of group A 4 core 16 sq mm PWD Ele SR 2014-15,p-55,It-7.4.4)								
		Mtrs	2	10.00			20.00		
					Total Qty		20.00		
					Schedule B Qty		20.00		
					Upto 125%		**20.00**	**147.41**	**2948.12**
107	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mm(PWD Ele SR 2014-15,p-61,It-7.8.1)								
		No	2	25.00			50.00		
					Total Qty		50.00		
					Schedule B Qty		50.00		
					Upto 125%		**50.00**	**11.34**	**566.95**
108	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mm(PWD Ele SR 2014-15,p-62,It-7.12.1)								
		Rmt	2	2.00			4.00		
					Total Qty		4.00		
					Schedule B Qty		4.00		
					Upto 125%		**4.00**	**362.22**	**1448.86**
109	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals,clamps bolts and nuts and washer etc.,complete for 16 sq mm as per specifications.(PWD Ele SR 2014-15,p-62,It-7.13.2)								
		No	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		**2.00**	**293.97**	**587.94**
110	Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring complete 63 amps(PWD Ele SR 2014-15,p-45,It-6.7.3)								
		No	6				6.00		
					Total Qty		6.00		
					Schedule B Qty		6.00		

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Sl No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
					Upto 125%		6.00	245.68	1474.06
111	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (KPWD SR 2018-19, P-140, It 18.47)								
	Main line	Cum	2	200.00	0.45	0.20	36.00		
	200		40	10.00	0.45	0.20	36.00		
					Total Qty		72.00		
					Schedule B Qty		72.00		
					Upto 125%		72.00	1000.49	72035.40
112	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 (KPWD SR 2018-19, P-6, It-2.4)								
	Main line	Cum	2	200.00	0.45	0.30	54.00		
	Distribution(200/10=No's)		40	10.00	0.45	0.30	54.00		
					Total Qty		108.00		
					Schedule B Qty		108.00		
					Upto 125%		108.00	499.69	53966.46
113	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - 50mm nominal OD pipes (KPWD SR 2018-19, P-99, It-13.87.6)								
	Main line	Mtr	2	200.00			400.00		
					Total Qty		400.00		
					Schedule B Qty		400.00		
					Upto 125%		400.00	480.77	192308.08
114	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works,testing and HOM of equipments complete as per specifications. (P.No.93/ I.No. 13.20 of KPWD SR 2018-19)								
	Distribution(200/10=No's)	Each	40				40.00		
					Total Qty		40.00		
					Schedule B Qty		40.00		
					Upto 125%		40.00	537.53	21501.11
115	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes (KPWD SR 2018-19, P-98, It-13.85.2)								
	Distribution line	Mtr	40	10.00			400.00		
	Tap Connection		40	1.00			40.00		
					Total Qty		440.00		
					Schedule B Qty		440.00		

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S. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
					Upto 125%		440.00	174.72	76878.72
	Providing and fixing to wall, ceiling and floor Medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 (KPWD SR 2018-19, P-95, It-13.67)								
	for other Purposes	Mtr	2	100.00			200.00		
					Total Qty		200.00		
					Schedule B Qty		200.00		
					Upto 125%		200.00	143.56	28712.67
117	KSRB 2-4 : Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour complete as per specifications.(KPWD SR 2018-19, P-7, it-2.11)								
	70% of Qty Vide item No.115	Cum					75.60		
					Total Qty		75.60		
					Schedule B Qty		75.60		
					Upto 125%		75.60	134.66	10180.31
118	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (KPWD SR 2018-19,P-136, it.17.1)								
	Balance Qty Vide item No. 114+ 30% of 115 item	Cum					104.40		
					Total Qty		104.40		
					Schedule B Qty		104.40		
					Upto 125%		104.40	73.28	7650.75
119	KSRB 2-4 : Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. (P.No.94/ I.No. 13.37 of KPWD SR 2018-19)								
	For Main Line	Each	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		2.00	1935.32	3870.65
120	KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (Pg No:-93/I.No:-13.26 of KPWD SR 2018-19 2018-19)								
	Tap Connection	Each	40				40.00		
					Total Qty		40.00		
					Schedule B Qty		40.00		
					Upto 125%		40.00	156.92	6276.72

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Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
121	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.3 of KPWD SR 2018-19)								
	Main line	Cum	2	200.00	0.45	0.15	27.00		
	Distribution(200/10=No's)		40	10.00	0.45	0.15	27.00		
					Total Qty		54.00		
					Schedule B Qty		54.00		
					Upto 125%		**54.00**	**5677.99**	**306611.20**
122	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for foundations & sub-structure works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) (P.No.18, I.No. 4.48 of KPWD SR 2018-19)								
	Main line	Cum	2	200.00	0.45	0.10	18.00		
	Distribution(200/10=No's)		40	10.00	0.45	0.10	18.00		
					Total Qty		36.00		
					Schedule B Qty		36.00		
					Upto 125%		**36.00**	**6058.59**	**218109.42**
123	BESCOM deposit Charges and miscellaneous								
		No	2				2.00		
					Total Qty		2.00		
					Schedule B Qty		2.00		
					Upto 125%		**2.00**	**12598.80**	**25197.60**
								Total Construction Cost	**17842129.39**
								12% GST	**2141055.53**
								Sub Total	**19983184.92**

Certificate.

1 The rates adopted based on the PWD SR, Bangalore circle for year 2018-19.
2 The provisions made in the estimate are necessary and essential.
3 The workspot was inspected and work is found to be necessary.
4 The area comes within the Bruhat Bangalore Mahanagara Palike limits.

KSR CIVIL PVT. LTD. BANGALORE Consultants

Assistant Engineer

Assistant Executive Engineer

Technical Sanction
Accorded for Rs. 19983184.92/-
Head of A/C 3692
CER NO :..... Dt:..22/09/2021

Executive Engineer

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